

Title (en)

PROCESS FOR THE PRODUCTION OF A SILICONE PRESSURE SENSITIVE ADHESIVE EMULSION

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER SILICONHAFTKLEBEMITTEL-EMULSION

Title (fr)

PROCEDE POUR PRODUIRE UNE EMULSION D'UN ADHESIF AUTOCOLLANT A BASE DE SILICONE

Publication

**EP 1434830 A1 20040707 (EN)**

Application

**EP 02780312 A 20020912**

Priority

- US 0229370 W 20020912
- US 96956501 A 20011001

Abstract (en)

[origin: US2003065086A1] A pressure sensitive adhesive emulsion comprises a disperse silicone phase emulsified in a continuous water phase in the presence of a surfactant. The disperse silicone phase comprises 40-80 percent by weight of a silicone pressure sensitive adhesive, which is the product of mixing a silanol-terminated polydiorganosiloxane of Tg below -20° C. with a silanol-containing silicone resin of Tg above 0° C., dispersed in 60-20 percent by weight of a volatile silicone fluid having a boiling point below 300° C. The emulsion is substantially free of any non-silicon atom containing volatile organic material.

IPC 1-7

**C09J 183/04**

IPC 8 full level

**C09J 183/04** (2006.01); **C08J 3/03** (2006.01); **C09J 11/06** (2006.01)

CPC (source: EP US)

**C08J 3/03** (2013.01 - EP US); **C08L 83/00** (2013.01 - EP US); **C09J 183/04** (2013.01 - EP US); **C08J 2383/04** (2013.01 - EP US)

Citation (search report)

See references of WO 03029381A1

Cited by

EP3352887B1; WO2017053647A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**US 2003065086 A1 20030403**; **US 6545086 B1 20030408**; AT E449146 T1 20091215; CN 1255494 C 20060510; CN 1561379 A 20050105; DE 60234458 D1 20091231; EP 1434830 A1 20040707; EP 1434830 B1 20091118; JP 2005504165 A 20050210; JP 4478453 B2 20100609; WO 03029381 A1 20030410

DOCDB simple family (application)

**US 96956501 A 20011001**; AT 02780312 T 20020912; CN 02819423 A 20020912; DE 60234458 T 20020912; EP 02780312 A 20020912; JP 2003532607 A 20020912; US 0229370 W 20020912